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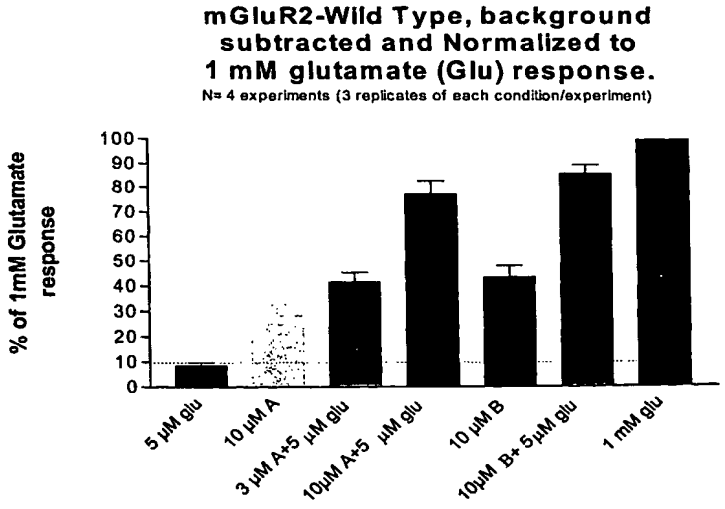
(54) Title: NUCLEIC ACID SEQUENCES ENCODING NOVEL POINT MUTATIONS ON MGLUR2 AND MGLUR3.



(57) Abstract: The present invention is directed to mutant forms of mGluR2 and mGluR3 that are shown to affect the binding of modulators of said receptors. The invention discloses polypeptides comprising the mutations, and nucleic acid sequences that encodes said polypeptides, and methods of using said polypeptides and nucleic acids sequences to identify, predict and evaluate specific, selective modulators whose association to mGlu2 or mGlur3 is effected by said mutations.

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